

WHAT IS CLAIMED

1. A system for use in roof construction comprising:
 - a frame member comprising a plurality of vertically extending column members having top and bottom portions and a plurality of brace members positioned between said vertically extending columns;
 - a plurality of truss caps extending in a longitudinal direction and positioned adjacent the top portions of said columns; and
 - a plurality of sub-purlins extending in a first direction substantially perpendicular to said truss caps, said sub-purlins having end extensions that are positioned in contact with the top surface of said truss caps.
2. The system of claim 1 wherein said sub-purlins are fabricated from metal.
3. The system of claim 2 wherein said metal is steel.
4. The system of claim 1 wherein said truss caps are fabricated from metal.
5. The system of claim 4 wherein said metal is steel.
6. The system of claim 2 wherein each of said metal sub-purlins are fabricated using a roll formed process.

7. The system of claim 6 wherein each of said sub-purlins comprise a first section having first and second angled portions having first and second end portions, two vertical portions having first and second end portions and a horizontally extending portion having first and second end portions and a first surface extending said first direction.

8. The system of claim 7 wherein each of said sub-purlins further comprises a second section having first and second angled portions each having first and second end portions, two vertical portions having first and second end portions and a horizontally extending portion having first and second end portions.

9. The system of claim 8 wherein said first end of said first angled portion in said first section is joined to said first end of said first angled portion in said second section by a vertical member having a first surface.

10. The system of claim 9 wherein said first end of said second angled portion in said first section extends as a vertical portion positioned adjacent said first surface of said vertical member.

11. The system of claim 10 wherein the first end of said second angled portion in said second section extends as a vertical portion positioned adjacent the first surface of said vertical member.

12. The system of claim 7 wherein a groove is formed in said first surface, said groove extending along the entire length of the surface.